

CALIFORNIA 9-1-1 EMERGENCY COMMUNICATIONS OFFICE
Wireless Service Provider (WSP) Reimbursement Policy

Policy Statement

It is the policy of the California 9-1-1 Emergency Communications Office (State) to reimburse wireless service providers (WSPs) for non-recurring costs (NRCs) and monthly recurring costs (MRCs) associated with their implementation of Wireless Enhanced 9-1-1 (WE9-1-1) in California within guidelines, as specified herein.

1. Reimbursements

- 1.1 Where feasible, the State will reimburse WSPs for eligible expenses up to specified limits, in accordance with Federal Communications Commission (FCC) Docket CC 94-102, as well as State requirements.
- 1.2 All reimbursement by the State under this policy will be paid on behalf of qualified California Public Safety Answering Points (PSAPs) who have requested Wireless E9-1-1 service in conjunction with the State. Reimbursement cannot exceed the costs of services rendered.
- 1.3 All reimbursement for non-recurring and recurring costs will be paid to WSPs by the State on a per region basis, and are subject to review by State auditors. Non-recurring costs will be reimbursed once for each deployed region. Recurring costs will be calculated on a monthly basis for the duration of the WE9-1-1 services to subscribers.
- 1.4 The California counties that comprise the regions are identified in the attached Table 1, California Wireless E9-1-1 Implementation Regions.
- 1.5 Cost recovery is subject to, and contingent upon, availability of funds appropriated by the Legislature in any fiscal year. The State will remit payments on all valid reimbursement claims in accordance with State accounting practices and the Prompt Payment Act.

2. Non-recurring Costs (Up to \$1.00 per subscriber):

- 2.1 WSPs that begin to provide wireless E9-1-1 services in a particular region will qualify for a one-time reimbursement of non-recurring (start-up) costs, up to \$1.00 per subscriber. Non-recurring (start-up) costs are defined as those costs necessary to facilitate the deployment of Phase I and II service within a particular region.
- 2.2 To qualify, a WSP must have cut over at least one mobile switching center (MSC) to Phase I and Phase II E9-1-1 service in a particular region and be in the process of cutting over their remaining MSCs serving that region, with a plan approved by the State.
- 2.3 Reimbursement will be based on the number of qualifying subscribers within the eligible region as of the date of submission for reimbursement. Eligible regions are defined as those regions in which local PSAPs or a California Highway Patrol (CHP) communications center has requested wireless E9-1-1 service.¹
- 2.4 To be reimbursed for NRCs, WSPs must submit cost recovery claims to the State. Sample 1, Sample WSP Reimbursement Partial Recovery Worksheet for Non-Recurring Costs is attached. WSPs must provide subscriber counts and documentation supporting costs incurred in that region. The State will reimburse the lesser amount of the claimed NRCs or the number of subscribers within the region times \$1.00.

¹ See Table 1 attached and California's Wireless Plan Map at www.td.dgs.ca.gov/services/911.

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- 2.5 Requests for reimbursement for NRCs for a particular region must be submitted to the State not later than June 30 of the fiscal year following the fiscal year deployment began for a particular region.³ WSPs who fail to submit their requests for reimbursement within these time constraints forfeit their claims for NRC reimbursement for that region.
- 2.6 NRC claims for any particular region may accumulate across fiscal years and will be reimbursed once per region. WSPs are allowed to offset reimbursement shortfalls from one area, with overages from another. The WSP is responsible for keeping a clear accounting of all offsets on invoices.

3. Monthly Recurring Costs (Up to \$0.05 per subscriber per month):

- 3.1 WSPs that begin to provide wireless E9-1-1 services in a particular region are eligible for on-going reimbursement of monthly recurring costs and costs associated with the maintenance or upgrade of service in a previously deployed region, up to \$.05 per subscriber per month.
- 3.2 WSPs qualify for reimbursement based on the cutover dates of the MSC(s) serving subscribers within the targeted implementation region(s). WSPs must initiate requests for reimbursement for MRC for a particular region within one year of implementation in that region.⁴ The claim must contain full supporting documentation, including, but not limited to, subscriber counts in each region.
- 3.3 Requests for reimbursement may be submitted monthly or grouped by quarter, six, or twelve month periods. Separate invoices are required for each region and cannot include more than one fiscal year. Sample 2, Sample WSP Reimbursement Partial Recovery Worksheet for Monthly Recurring Costs is attached.
- 3.4 The State will reimburse the lesser amount of the MRC claims per month or the number of subscribers at the time of the service times \$.05.
- 3.5 WSPs are allowed to offset reimbursement shortfalls from one region, with overages from another. The WSP is responsible for keeping a clear accounting of all offsets on invoices.

4. FCC Docket CC 94-102 Requirements:

- 4.1 To qualify for cost recovery WSPs must meet the requirements of FCC Docket CC 94-102, both Phase I and Phase II. This includes providing wireless E9-1-1 service in accordance with PSAP requests and timelines specified by the FCC, subject to any waivers that may have been granted. *Example: Some WSPs qualified for State of California reimbursement in fiscal year 2001/02, without having to provide Phase II service, because their FCC waivers allowed the implementation of Phase II service to occur after June 30, 2002.*

5. State of California Minimum Requirements:

² See Table 1 attached and California's Wireless Plan Map at www.td.dgs.ca.gov/services/911.

³ NRC claims for regional deployments beginning in FY 2004/2005 or earlier must be submitted not later than June 30, 2007 or NRC reimbursement for those regions will be forfeited.

⁴ MRC claims for regional deployments beginning in FY 2005/2006 or earlier must be initiated not later than June 30, 2007, or MRC reimbursement for those regions during those months will be forfeited.

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5.1 Single Point of Contact – Each WSP shall appoint a single point of contact to work with the State for each regional implementation of wireless E9-1-1 service. The State will provide a contact, or contacts, to the WSPs for each implementation.

5.2 “NCAS” or “Wire-line Compatibility Mode” Delivery Methodologies – WSPs can select either a Non Call-Path Associated Signaling (NCAS sometimes referenced as HCAS) or Wire-line Compatibility Mode (traditional NCAS) methodology as defined by Telecommunications Industry Association (TIA) J-Standard 036 to deliver the Phase I and Phase II data elements required by FCC Docket CC 94-102. The State will not support or reimburse costs for a pure Call-Path Associated Signaling (CAS) methodology. Other Wireless E9-1-1 delivery methodologies will be considered on a case-by-case basis.

5.3 Phase II Technologies – Both handset-based and network-based solutions are acceptable within the FCC rules.

5.4 Adherence to State of California Wireless E9-1-1 Plan – The California 9-1-1 Emergency Communications Office is managing the wireless E9-1-1 project on a statewide basis, working with wireless and wire-line providers to determine the most appropriate network connectivity configurations and Automatic Location Identification (ALI) formats to accommodate wireless data. WSPs are required to participate and cooperate with State and local project team members on all aspects of the project implementation and to provide support and information in a timely manner when requested. Implementation of Wireless E9-1-1 will be directed by the State on a regional basis and is likely to include the following:

- 5.4.1** WSPs shall connect to the appropriate selective routing tandem(s) for access to the E9-1-1 network, as directed by the State.
- 5.4.2** WSPs shall install SS7 digital trunks from the WSP MSC to the appropriate selective routing tandem, as directed by the State.
- 5.4.3** WSPs shall provide for a P.01 grade of service from the MSC to the selective routing tandem, as defined and directed by the State. Alternatives will be considered on a case-by-case basis.
- 5.4.4** WSPs shall comply with Telecommunications Industry Association (TIA) wireless network J-Standard 036, as directed by the State.
- 5.4.5** WSPs shall deliver FCC Docket CC 94-102 data elements to PSAPs in a standard format (State’s Wireless ALI Record Format 04 or other), as directed by the State.
- 5.4.6** WSPs shall provide cell sector routing recommendations to PSAPs in a timely manner, as directed by the State.
- 5.4.7** WSPs will be required to provide cell sector coverage/propagation maps, subject to the negotiation of non-disclosure agreements, as directed by the State.
- 5.4.8** WSPs shall monitor cell sector coverage patterns and work with PSAPs to optimize cell sector routing, as directed by the State.
- 5.4.9** WSPs shall provide Phase I/II routing reports and other available information on a periodic basis, as requested by the State.

6. Eligible Cost Recovery Categories

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The State will reimburse WSPs for the following categories of items within the limits specified in this document. Items may be submitted as either NRC or MRC depending on the application.

- 6.1 Circuitry** – All circuitry needed to support wireless E9-1-1 implementation qualifies for cost recovery. This includes MSC to Selective Router (S/R) voice trunks, as well as any circuitry associated with the delivery of wireless Automatic Location Identification (W-ALI). All costs paid to local exchange carriers (LECs) for this purpose qualify.
- 6.2 Labor/Personnel Costs** – WSPs may submit for reimbursement of labor and other personnel costs of a one-time or recurring nature associated with wireless E9-1-1 implementation efforts in California.
- 6.3 Wireless E9-1-1 Administration & Database Services** – WSPs may submit for cost recovery of those expenses incurred for project management, administration, and database services related to the implementation of wireless E9-1-1 services.
- 6.4 Equipment/Software Costs** - WSPs may request cost recovery for equipment and software expenses incurred to meet the FCC (Phase I and Phase II) and State of California wireless E9-1-1 requirements.
- 6.5 Miscellaneous Costs** - WSPs may request cost recovery for any other expenses related to wireless E9-1-1 implementation not specified above.

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TABLE 1

California Wireless E9-1-1 Implementation Regions

Los Angeles	San Francisco	San Diego	Sacramento	Southland	Central	Northern
Los Angeles	Alameda	San Diego	Alpine	Imperial	Fresno	Butte
	Contra Costa		Amador	Orange	Inyo	Plumas
	Santa Clara		Calaveras	Riverside	Kern	Yuba
	San Francisco		El Dorado	San Bernardino	Kings	Colusa
	Sonoma		Nevada	Santa Barbara	Tulare	Glenn
	Solano		Placer	Ventura	Madera	Tehama
	Marin		Sacramento		Mariposa	Sutter
	Napa		San Joaquin		Merced	Mendocino
	San Mateo		Sierra		Mono	Humboldt
			Yolo		Stanislaus	Trinity
					Tuolumne	Del Norte
					Santa Cruz	Siskiyou
					San Benito	Modoc
					San Luis Obispo	Lassen
					Monterey	Shasta
						Lake

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SAMPLE 1

**Sample WSP Reimbursement Partial Recovery Worksheet
For Non-Recurring Costs**

WSP Name: CAWireless4U Invoice #
Deployment Region*: Los Angeles

One Time \$1.00 per subscriber partial recovery**

One-Time	\$ Limit	# Subscribers	State limit	WSP Costs	Lesser
	\$1.00	1,400,000.00	\$1,400,000.00	\$1,200,000.00	\$1,200,000.00
Total One-Time Reimbursement					\$1,200,000.00

* Select Region: Los Angeles, Bay Area, San Diego, Sacramento, Southland, Central, Northern

**The Lesser of WSP Costs or \$1.00 per subscriber will be paid.

Bill to:
California 9-1-1 Office
WSP Reimbursement Processing
601 Sequoia Pacific Blvd MS 911
Sacramento, CA 95814

WSP Payment Information
Name:
Title
Addr
Addr
Phone
E-mail

I declare under penalty of perjury that the amount requested for each reimbursement is correct and is a legitimate claim for reimbursement from State of California 9-1-1 Program funds.

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SAMPLE 2

**Sample WSP Reimbursement Partial Recovery Worksheet
For Monthly Recurring Costs
(single month or grouped by quarter, six, or twelve months)**

WSP Name: CAWireless4U Invoice #
Deployment Region*: Los Angeles

Monthly Recurring Charges During the Period July – December 2005

	\$ Limit	# Subscribers	State Limit	WSP Costs	Reimbursement
July	\$.05	1,450,000.00	\$72,500.00	\$75,123.00	
August	\$.05	1,450,000.00	\$72,500.00	\$75,123.00	
September	\$.05	1,450,000.00	\$72,500.00	\$75,123.00	
October	\$.05	1,650,000.00	\$82,500.00	\$75,123.00	
November	\$.05	1,650,000.00	\$82,500.00	\$75,123.00	
December	\$.05	1,650,000.00	\$82,500.00	\$75,123.00	
6 Month Total			\$465,000.00	\$450,738.00	\$450,738.00

Total Reimbursement July – December: 2005 \$450,738.00

* Select Region: Los Angeles, Bay Area, San Diego, Sacramento, Southland, Central, or Northern

**The Lesser of WSP Costs or \$.05 per subscriber will be paid.

Bill to:
California 9-1-1 Office
WSP Reimbursement Processing
601 Sequoia Pacific Blvd MS 911
Sacramento, CA 95814

WSP Payment Information

Name:
Title
Addr
Addr
Phone
E-mail

I declare under penalty of perjury that the amount requested for each reimbursement is correct and is a legitimate claim for reimbursement from State 9-1-1 Program funds.
